

Passivation

SLOTOPAS PA 1030

The Passivation SLOTOPAS PA 1030 is a process for passivating of electroplated zinc surfaces, whereby it's regardless if the zinc coatings are deposited from cyanidic, acidic- or alkaline zinc electrolytes. The passivation is a one-step process for passivating both rack- and barrel parts.

The Passivation SLOTOPAS PA 1030 contains Cr(III) compounds and fluoride but is **free from cobalt**.

The Passivation SLOTOPAS PA 1030 produces a blue-violet uniform protection layer and has a wide range of tolerance regarding concentration and immersion time and can be easily monitored and corrected.

If Passivation SLOTOPAS PA 1030 is operated correctly, the passivation has a long service life. The required corrosion resistance according to DIN 50979 can easily be achieved respectively considerably exceeded.

In cases of a strong iron load (e.g. hollow ware) the addition of Inhibitor SLOTOPAS FE 1161 can raise the inhibition effect and therefore extend the service life of the passivation.

The information in this data sheet is based on laboratory as well as practical experience. Figures quoted for operating limits and replenishment quantities are for guidance. Actual values necessary will depend on the components being plated (material and geometry), their application and plating plant conditions.

Important:

Please read this instructions carefully prior to the use of the process and carefully follow all the parameters that have a direct influence on the operation. We reserve the right to make technical changes. In the interest of safety, please pay attention to the hazard warnings on the labels of the containers. The minimum shelf life of the products is included on the labels and is also available in the appropriate Quality Assurance (QA03).

The current IMDS number of the layer deposited from the process is available on the internet at www.schloetter.com/downloads.

For the storage of chemical products the TRGS 510 must be followed.

If the additives used in this process contain a SVHC-substance, then this will be specified in the corresponding Material Safety Data Sheet, section 15.

